MY OPTIO WG-1 GPS

INNOVATIVE, MAVERICK AND SAVVY

ITS +

- Geo-tagging capability
- Ultra-resistant crossover waterproof camera
- Rugged aluminium body
- Supplied with carabiner strap and 1cm macro stand

- **ULTRA-RESISTANT:**
  - High-quality aluminium-alloy structure
  - **Water**proof up to **10m**
  - **Shock**proof up to **1.5m**
  - **Cold**proof up to **–10°C**
  - **Crash**proof up to **100kg**
  - **Dust**proof (JIS Class 6)

- **ADVANCED PHOTO FEATURES:**
  - **Geo-tagging function** ; built-in GPS tracker
  - **Wide-angle 5x** optical zoom (equ. to **28-140mm** in 35mm)
  - **Enhanced 1 cm macro mode:**
    - 5 macro LED light and dedicated 1cm macro stand
    - Digital Microscope mode

- **VIDEO FUNCTION:**
  - Movie recording in **HD 720p format**, at 30 fps
  - Micro-HDMI output

- **RUGGED BODY:**
  - **2.7'' 16:9 wide LCD** monitor, 230 000 dots
  - Available in **2 colours**: green and grey

Colour	Art. N°	EAN code
Grey	16897	0027075187825
Green	16912	0027075187986

SUPPLIED ACCESSORIES

	Art No.
AV cable I-AVC7	39552
USB cable I-USB7	39551
AC cable D-CO24E	39256
Li-ion battery D-LI92	39800
Battery charger D-BC92E	39801
Carabiner strap O-ST117	39002
Strap O-ST104	39857
Macro stand O-MS1	39004
Software S-SW117	39029

Macro stand

Carabiner strap

OPTIONAL ACCESSORIES

	Art No.
Black neoprene pouch	50242
Green neoprene pouch	50241
Camrig camera housing for kitesurfs	50223
Weatherproof remote control O-RC1	39892
Sport strap O-ST81	39457
Floating strap	50195
AC adapter kit K-AC117E	38971
Battery charger kit K-BC92E	39804

Neoprene cases

Camrig camera holder

Weatherproof remote control

Floating strap

TECHNICAL SPECIFICATIONS

PENTAX Optio WG-1 GPS

WWW.PENTAX.CO.UK/PHOTO
HOTLINE: 0870 7368 299

CCD SENSOR

Number of pixels	Approx. 14 megapixels - effective
Sensor size	1/2.3'' CCD
Colour depth	12 bits x 3 colours
Image size	14M (4228x3216), 10M (1:1) (3216x3216), 10M (16:9) (4224x2376), 7M (3072x2304), 5M (16:9) (3072x1728), 5M (2592x1944), 4M (16:9) (2592x1464), 3M (2048x1536), 2M (16:9) (1920x1080), 1024 (1024x768), 640 (640x480 pixels) 3 Quality levels of JPEG (good, better, best)
Sensitivity range	Auto, Fixed (ISO 80-6400)

LENS

Focal length	PENTAX 5-25mm, equ. to 28-140mm in 35mm
Aperture	f/3.5 - 5.5
Construction	11 elements in 9 groups (5 aspherical elements)
Optical zoom	5x
Digital zoom	Approx. 6.7x
Intelligent zoom	Approx. 7x at 7M, approx. 33.5x at 640 (including optical zoom)

LCD SCREEN

Type	2.7'' (6.86cm) wide colour LCD, approx. 230k dots, extra wide angle viewing, with AR coating

FILE FORMATS

Photo format	JPEG (Exif 2.3), DCF 2.0, DPOF, PRINT Image Matching III
Video format	AVI (Motion JPEG)
Sound format	WAV (PCM), mono

MEMORY

External memory	Compatible with SD, SDHC, SDXC and Eye-Fi* cards
Internal memory	approx. 97.0 MB

FOCUSING

Autofocus	TTL Contrast detection Autofocus system
Focus options	Manual focus, Infinity-landscape, Pan focus
AF points	Multi-AF 9 points zone, Spot AF, Auto-tracking AF (anticipating moving subject)
Normal	0.5m - infinity (whole zoom area)
Macro	0.1m - 0.6m (whole zoom area)
1cm Macro	0.01m - 0.30m (middle zoom position)
	Special Macrolight (5 LED at front)
	AF assist lamp

EXPOSURE CONTROL

TTL Metering modes	Multi-segment, Centre-weighted or Spot metering
System	Program controlled electronic auto exposure with electronic shutter with CCD
Shutter speeds	1/1500 - 1/4 sec. 4 sec max. (Night Scene mode)
Sensitivity range	Auto, Fixed (ISO 80-6400)
Scene modes	Auto Picture, Program, Night Scene, Movie, Underwater, Underwater Movie, Digital Microscope, Landscape, Flower, Portrait, Digital Wide, Digital Shake Reduction, Surf&Snow, Kids, Pet, Sport, Fireworks, Candlelight, Night Scene Portrait, Text, Food, Digital Panorama, Frame Composite, Report, Green
Exposure compensation	± 2EV (1/3EV steps)

* Recording capacity shows approximate number of shots recorded during CIPA-compliant testing. Actual performance may vary depending on operating conditions.

** According to the result of PENTAX in-house testing.

FLASH

Built-in flash	Integrated auto flash control
System	Automatic activation in low light conditions
Flash modes	Flash-on and Flash-off modes. Soft flash
Other	"Red-eye" reduction function
Flash range	Wide: approx. 0.2 - 3.9 m (ISO Auto) Tele: approx. 0.2 - 2.5 m (ISO Auto)

VIDEO

Movie	"Shake reduction" - stabilized video with sound
Duration	Depends on memory card capacity
Resolution	HDTV (1280x720) at 30/15fps, VGA (640x480) at 30/15fps ; QVGA (320x240) at 30/15fps
Video Editing	Yes

POWER SUPPLY

Battery	Rechargeable D-LI92 Lithium-ion battery
Capacity	Approx. 260 shots* and 280 min** in play mode
Other sources	Optional AC adapter kit

INTERFACES

Video output	Micro-HDMI, PC/AV terminal (PAL/NTSC, mono)
USB	USB 2.0 (Hi-Speed)

RECORDING PARAMETERS

Drive modes	One shot, Self-timer (2 or 10 sec), Continuous shooting (2.27 fps), Burst shooting, IR Remote Control, Interval shooting, Auto Bracket
White balance	Auto, Daylight, Shade, Tungsten, Fluorescent, Manual setting
DRE	Shadows and highlights adjustments

OTHER FEATURES

World time	75 cities, 28 time zones
Languages	English, French, German, Spanish, Portuguese, Italian, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese
Digital filters	B&W, Sepia, Toy camera, Retro, Colour, Extract colour, Colour emphasis, High Contrast, Starburst, Soft, Fish-eye, Brightness, Miniature
Image Tone	Bright, Natural, Monochrome
Others	Pixel Track SR, Noise Reduction if shutter speed exceeds 0.25 sec., Face recognition (detects up to 32 faces), Smile capture (smile detection and auto-picture), Self-portrait Assist and Blink de tection modes (eyes shut), Pet detection (up to 3 faces), Slideshow, Image Rotation, Small Face Filter, Ink Rubbing Filter, Collage, Digital Filters, Original Frame, Frame Composite, Movie Edit, Red-eye Compensation, Resize, Cropping, Ima ge/Sound Copy, Voice Memo, Protect, DPOF, Start-up screen, Date printing, Face close-up playback, Eye-Fi compatible, Geo-tagging

DIMENSIONS AND WEIGHT

Dimensions	115.5 × 58.5 × 28.5 mm (including lens depth)
Weight	147 g unloaded, 167 g loaded and ready
JIS Class	Equivalent to JIS Class 8 waterproof and JIS Class 6 dustproof capabilities

SYSTEM REQUIREMENTS

Operating systems	PC: Windows XP SP3, Vista™ and 7
	Mac: OS X 10.3.9 or above
SOFTWARE	PC : Arcsoft Media Impression 3.0 for PENTAX
	Mac: Arcsoft Media Impression 2.1 for PENTAX

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